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Sheet 1 of 2

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FORM PTO-1449
(REV. 6-89)

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney's Docket No.

21816-04464

Serial No.

09/503,975

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant

Pawan Goyal

Filing Date

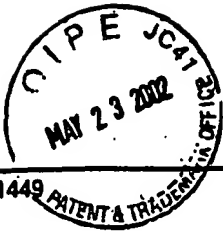
February 14, 2000

Group Art Unit

2131

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	US 6,192,389 B1	02/20/01	Ault et al.	709	101	03/28/97
	B	US 6,192,512 B1	02/20/01	Chess	717	5	09/24/98
	C	6,167,520	12/26/00	Touboul	713	200	01/29/97
	D	6,108,759	08/22/00	Orcutt et al.	711	173	09/17/97
	E	6,065,118	05/16/00	Bull et al.	713	200	09/24/96
	F	6,023,721	02/08/00	Cummings	709	201	05/14/97
	G	5,956,481	09/21/99	Walsh et al.	395	186	
	H	5,937,159	08/10/99	Meyers et al.	395	187.01	
	I	5,918,018	06/29/99	Gooderum et al.	395	200.55	
	J	5,915,085	06/22/99	Koved	395	186	
	K	5,913,024	06/15/99	Green et al.	395	186	
	L	5,845,129	12/01/98	Wendorf et al.	395	726	
	M	5,842,002	11/24/98	Schnurer et al.	395	500	
	N	5,838,916	11/17/98	Domenikos et al.	395	200.49	
	O	5,828,893	10/27/98	Weid et al.	395	800	
	P	5,809,527	09/15/98	Cooper et al.	711	133	
	Q	5,781,550	07/14/98	Templin et al.	370	401	
	R	5,761,477	06/02/98	Wahbe et al.	395	406 A	
	S	5,706,097	01/06/98	Schelling et al.	358	296	
	T	5,692,047	11/25/97	McManis	380	4	
	U	5,636,371	06/03/97	Yu	395	500	
	V	5,603,020	2/11/97	Hashimoto et al.	395	616	
	W	5,263,147	11/16/93	Francisco et al.	395	425	
	X	4,177,510	12/04/79	Appell et al.	364	200	
	Y	3,377,624	04/09/68	R. A. Nelson et al.			



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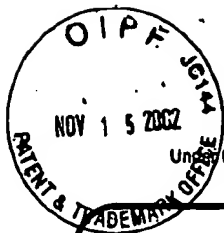
Sheet 2 of 2

FORM PTO-1449 (REV. 6-89) INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	Attorney's Docket No. 21816-04464	Serial No. 09/503,975
		Applicant Pawan Goyal	
		Filing Date February 14, 2000	Group Art Unit 2131

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>ed</i>	Z	Boehm, B., "Managing Software Productivity and Reuse," IEEE Computer, Volume 32, Number 9, September 1999, 3 pages
<i>[Handwritten vertical line]</i>	AA	Corbato, F. J. et al. "An Experimental Timesharing System," Proceedings of the American Federation Of Information Processing Societies Spring Joint Computer Conference, San Francisco, CA, May 1-3, 1962, pp 335-344
	BB	Deutsch, P. and Grant, C.A., "A Flexible Measurement Tool for Software Systems," Information Processing 71 (Proc. of the IFIP Congress), 1971, pp. 320-326
	CC	Edjlali, G., et al., "History-based Access Control for Mobile Code," Fifth ACM Conference on Computer and Communication Security, November 3-5, 1998, 19 pages
	DD	Erlingsson, U. and Schneider, F. B., "SASI Enforcement of Security Policies: A Retrospective," Proc. New Security Paradigms Workshop, April 2, 1999, pp 1-17
	EE	Evans, D. and Twyman, A., "Flexible Policy-Directed Code Safety," Proc. of 1999 IEEE Symposium on Security and Privacy, Oakland, CA, May 9-12, 1999, pages 1-14
	FF	Fraser, T. et al., "Hardening COTS Software with Generic Software Wrappers," Proc. of 1999 IEEE Symposium on Security and Privacy, 1999, 15 pages
	GG	Goldberg, I. et al., "A Secure Environment For Untrusted Helper Applications (Confining the Willy Hacker)," Proc. of the Sixth USENIX UNIX Security Symposium, San Jose, CA, July 1996, 14 pages
	HH	Goldberg, R. P., "Survey of Virtual Machine Research," IEEE Computer, June 1974, pp 34-45
	II	Pandey, R. and Hashii, B., "Providing Fine-Grained Access Control For Mobile Programs Through Binary Editing," Technical Report TR98 08, University of California, Davis, CA, 1998, pp 1-22
	JJ	Ritchie, D. M., "The Evolution of the Unix Time-Sharing System," AT&T Bell Laboratories Technical Journal 63, No. 6, Part 2, October 1984, (originally presented 1979), 11 pages
	KK	Saltzer, J., H. and Schroeder, M. D., The Protection of Information in Computer Systems, [online], 1973, [retrieved on 04/02/2002]. Retrieved from the Internet: <URL: http://www.cs.virginia.edu~evans/cs551/saltzer/ >
<i>[Handwritten mark]</i>	LL	Wahbe, R., et al., "Efficient Software-Based Fault Isolation," Proc. of the Symposium on Operating System Principles, 1993, 14 pages

EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>01/08/05</i>
EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Applicant No.	09/503,975
				Filing Date	February 14, 2000
				First Named Inventor	Pawan Goyal
				Art Unit	2131
				Examiner Name	Not yet known
Sheet	1	of	1	Attorney Docket Number	21816-04464

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A	US-5,212,793	05/18/1993	Donica et al.
	B	US-5,249,290	09/28/1993	Heizer
	C	US-5,437,032	07/25/1995	Wolf et al.
	D	US-5,584,023	12/10/1996	Hsu
	E	US-5,706,453	01/06/1998	Cheng et al.
	F	US-5,709,774	01/13/1998	Boden
	G	US-5,860,004	01/12/1999	Fowlow et al.
	H	US-6,088,623	07/11/2000	Broome et al.
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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶

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Examiner Signature		Date Considered	01/08/05
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

Application No.	09/503,975
Filing Date	February 14, 2000
First Named Inventor	Pawan Goyal
Art Unit	2131
Examiner Name	Gail O. Hayes
Attorney Docket Number	21816-04464

Sheet	1	of	1
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A	5,528,753	06/18/1996	Fortin
	B	5,226,160	07/06/1993	Waldron et al.
		US-		
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		US-		
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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
	C	WO 99/39261	08/05/1999	The Learning Company	

OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Substitute for form 1449A/PTO		Complete if Known	
			Application No.		09/503,975	
			Filing Date		February 14, 2000	
			First Named Inventor		Pawan Goyal	
			Art Unit		2134	
			Examiner Name		Thomas M. Ho	
Sheet	1	of	2	Attorney Docket Number	21816-04464	

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U.S. PATENT DOCUMENTS				Technology Center 2100
Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
✓	A1	US-5,325,530	06-28-1994	Mohrmann
	A2	US-5,748,614	05-05-1998	Wallmeier
	A3	US-5,752,003	05-12-1998	Hart
	A4	US-5,850,399	12-15-1998	Ganmukhi et al.
	A5	US-5,892,968	04-06-1999	Iwasaki et al.
	A6	US-5,905,730	05-18-1999	Yang et al.
	A7	US-5,991,812	11-23-1999	Srinivasan
	A8	US-6,016,318	01-18-2000	Tomoike
	A9	US-6,018,527	01-25-2000	Yin et al.
	A10	US-6,047,325	04-04-2000	Jain et al.
	A11	US-6,061,349	05-09-2000	Coile et al.
	A12	US-6,075,791	06-13-2000	Chiussi et al.
	A13	US-6,078,957	06-20-2000	Adelman et al.
	A14	US-6,101,543	08-08-2000	Alden et al.
	A15	US-6,122,673	09-19-2000	Basak et al.
	A16	US-6,269,404 B1	07-31-2001	Hart et al.
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	A21	US-6,438,134 B1	08-20-2002	Chow et al.
	A22	US-6,457,008 B1	09-24-2002	Rhee et al.
	A23	US-6,463,459 B1	10-08-2002	Orr et al.
	A24	US-6,470,398	10-22-2002	Zargham et al.
✓	A25	US-6,490,670 B1	12-03-2002	Collins et al.

Examiner Signature		Date Considered	01/08/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	09/503,975
				Filing Date	February 14, 2000
				First Named Inventor	Pawan Goyal
				Art Unit	2134
				Examiner Name	Thomas M. Ho
Sheet	2	of	2	Attorney Docket Number	21816-04464

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U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A26	US-6,580,721 B1	06-17-2003	Beshai

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document

OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS			
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	C1	Goyal, Pawan et al., <i>Generalized Guaranteed Rate Scheduling Algorithms: A Framework</i> , IEEE/ACM Transactions, Vol. 5, Issue: 4, August 1997; pp. 561-571.	

Examiner Signature		Date Considered	01/08/05
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				Filing Date	February 14, 2000
				First Named Inventor	Pawan Goyal
				Art Unit	2134
				Examiner Name	Thomas M. Ho
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	A1	US-6,078,929	06-20-2000	Rao
	A2	US-6,161,139	12-12-2000	Win et al.
	A3	US-6,266,678B1	07-24-2001	McDevitt et al.
	A4	US-6,487,663B1	11-26-2002	Jaisimha et al.
	A5	US-6,658,571B1	12-02-2003	O'Brien et al.
	A6	US-6,578,055B1	06-10-2003	Hutchison et al.
	A7	US-6,691,312B1	02-10-2004	Sen et al.

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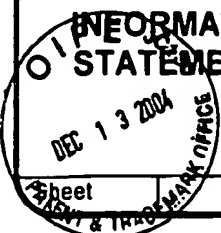
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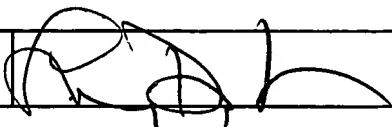
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT 		Application No.	09/503,975
		Filing Date	February 14, 2000
		First Named Inventor	Pawan Goyal
		Art Unit	2151
		Examiner Name	Andrew T. Caldwell
Sheet 1 of 1	Attorney Docket Number	21816-04464	

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US-6,189,046B1	02-13-2001	Moore et al.
		US-6,370,583B1	04-09-2002	Fishler et al.

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